

MS/MS Parameters of Pesticides

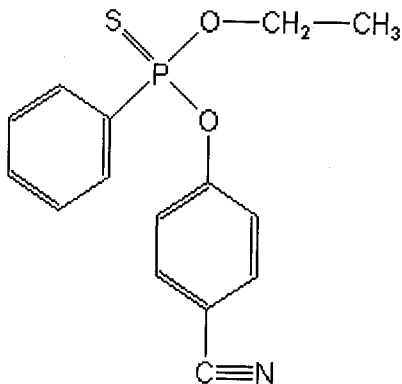
Analyte: Cyanofenphos

CAS No.: 13067-93-1

Formula: C₁₅H₁₄NO₂PS

Molecular mass (lowest isotopes): 303,05 amu

Structure:



Ionisation: ESI +

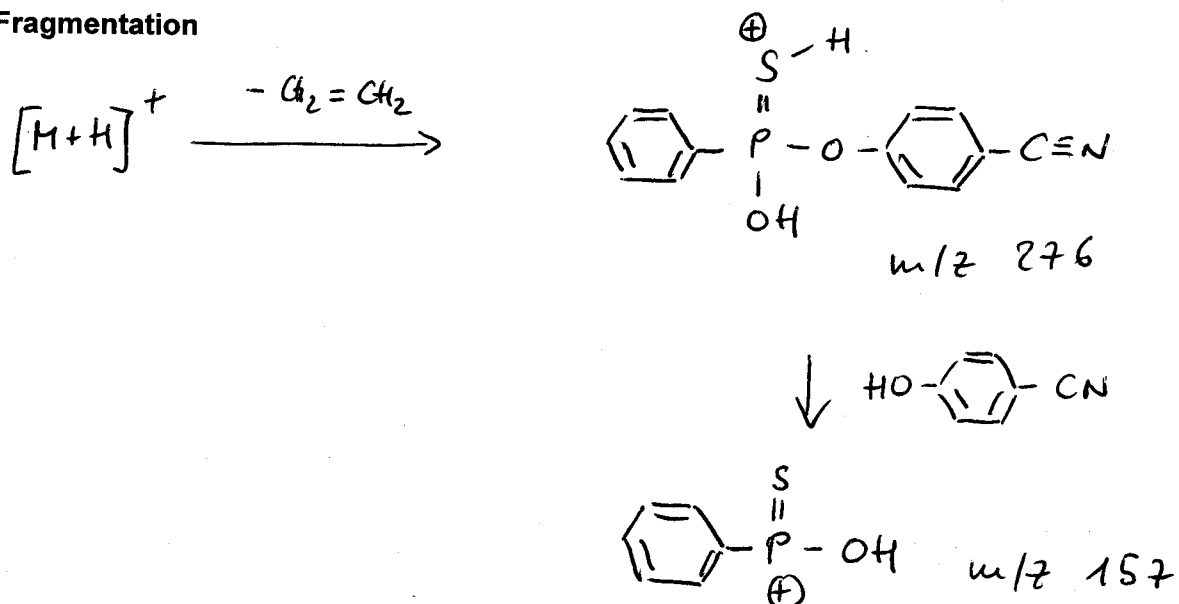
Quasimolecular ion: 304,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	304,0 → 276,0	304,0 → 157,1
Declustering potential (DP) ^{*)}	46 V	46 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	17 V	27 V
Collision cell exit potential (CXP)	14 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



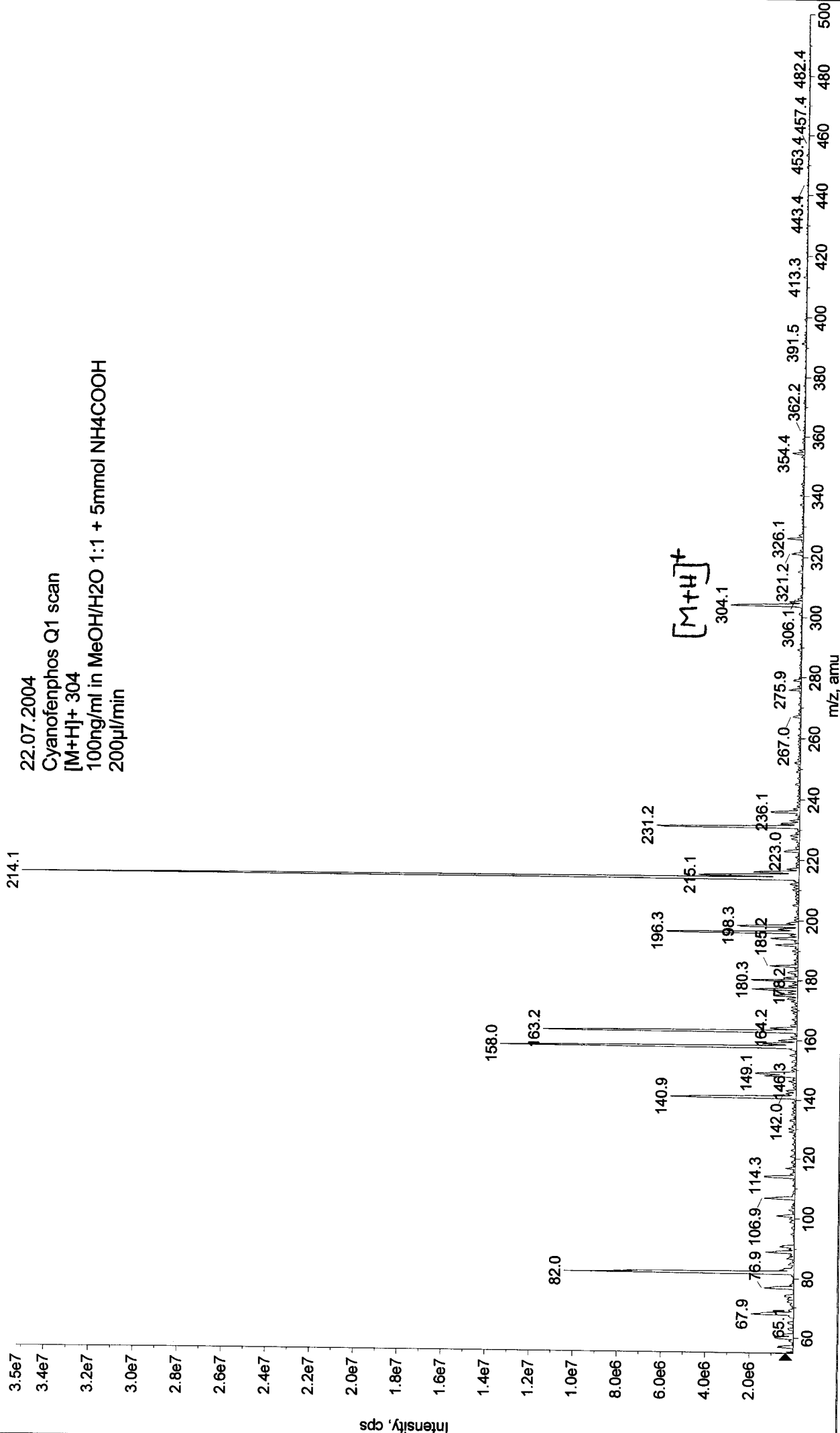
Printing Time: 9:06:09
Printing Date: Thursday, July 22, 2004

Acq Time: 09:04
Acq Date: Thursday, July 22, 2004
Acq File: MT20040722090401.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

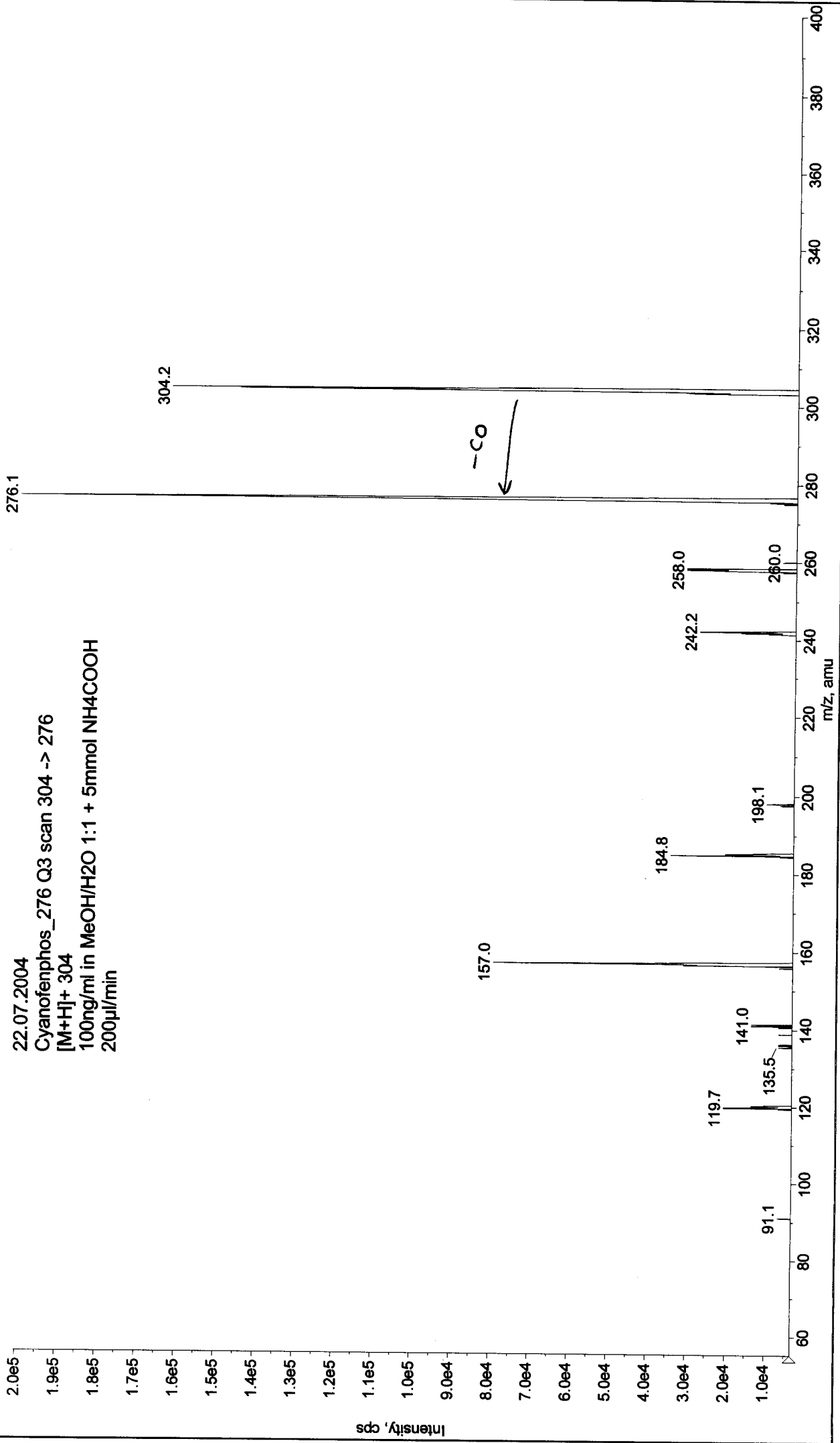
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722090401.wiff (Turbo Spray)

Max. 3.5e7 cps.



■ +MS2 (304.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722091446.wiff (Turbo Spray)

Max. 2.0e5 cps.



Printing Time: 9:17:09
Printing Date: Thursday, July 22, 2004

Acq. Time: 09:16
Acq. Date: Thursday, July 22, 2004
Acq. File: MT20040722091606.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

